



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 SWPPP Application for Reauthorization

for the NPDES/SDS General Small Municipal Separate
Storm Sewer System (MS4) Permit MNR040000
reissued with an effective date of August 1, 2013
Stormwater Pollution Prevention Program (SWPPP) Document

Doc Type: Permit Application

Instructions: This application is for authorization to discharge stormwater associated with Municipal Separate Storm Sewer Systems (MS4s) under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit Program. **No fee** is required with the submittal of this application. Please refer to "Example" for detailed instructions found on the Minnesota Pollution Control Agency (MPCA) MS4 website at <http://www.pca.state.mn.us/ms4>.

Submittal: This *MS4 SWPPP Application for Reauthorization* form must be submitted electronically via e-mail to the MPCA at ms4permitprogram.pca@state.mn.us from the person that is duly authorized to certify this form. All questions with an asterisk (*) are required fields. All applications will be returned if required fields are not completed.

Questions: Contact Claudia Hochstein at 651-757-2881 or claudia.hochstein@state.mn.us, Dan Miller at 651-757-2246 or daniel.miller@state.mn.us, or call toll-free at 800-657-3864.

General Contact Information (*Required fields)

MS4 Owner (with ownership or operational responsibility, or control of the MS4)

*MS4 permittee name: Coon Rapids *County: Anoka
(city, county, municipality, government agency or other entity)

*Mailing address: 11155 Robinson Drive

*City: Coon Rapids *State: MN *Zip code: 55448

*Phone (including area code): 763-767-6494 *E-mail: thimmer@ci.coon-rapids.mn.us

MS4 General contact (with Stormwater Pollution Prevention Program [SWPPP] implementation responsibility)

*Last name: Himmer *First name: Tim
(department head, MS4 coordinator, consultant, etc.)

*Title: Public Works Director

*Mailing address: 11155 Robinson Drive

*City: Coon Rapids *State: MN *Zip code: 55448

*Phone (including area code): 763-767-6494 *E-mail: thimmer@ci.coon-rapids.mn.us

Preparer information (complete if SWPPP application is prepared by a party other than MS4 General contact)

Last name: Fristed First name: Travis
(department head, MS4 coordinator, consultant, etc.)

Title: Environmental Scientist/Technical Associate

Mailing address: 701 Xenia Avenue South, Suite 300

City: Minneapolis State: MN Zip code: 55416

Phone (including area code): 763-287-7169 E-mail: tfried@wsbeng.com

Verification

1. I seek to continue discharging stormwater associated with a small MS4 after the effective date of this Permit, and shall submit this *MS4 SWPPP Application for Reauthorization* form, in accordance with the schedule in Appendix A, Table 1, with the SWPPP document completed in accordance with the Permit (Part II.D.). ☒ Yes
2. I have read and understand the NPDES/SDS MS4 General Permit and certify that we intend to comply with all requirements of the Permit. ☒ Yes

Certification (All fields are required)

- ☒ Yes - I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted.

I certify that based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of civil and criminal penalties.

This certification is required by Minn. Stat. §§ 7001.0070 and 7001.0540. The authorized person with overall, MS4 legal responsibility must certify the application (principal executive officer or a ranking elected official).

By typing my name in the following box, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing my application.

Name: Tim Himmer
(This document has been electronically signed)

Title: Public Works Director Date (mm/dd/yyyy): 12/23/2013

Mailing address: 11155 Robinson Drive

City: Coon Rapids State: MN Zip code: 55448

Phone (including area code): 763-767-6494 E-mail: thimmer@ci.coon-rapids.mn.us

Note: The application will not be
processed without certification.

Stormwater Pollution Prevention Program Document

I. Partnerships: (Part II.D.1)

- A. List the **regulated small MS4(s)** with which you have established a partnership in order to satisfy one or more requirements of this Permit. Indicate which Minimum Control Measure (MCM) requirements or other program components that each partnership helps to accomplish (List all that apply). Check the box below if you currently have no established partnerships with other regulated MS4s. If you have more than five partnerships, hit the tab key after the last line to generate a new row.

☐ No partnerships with regulated small MS4s

Name and description of partnership	MCM/Other permit requirements involved
<i>Coon Creek Watershed District: CCWD's public ed. Coordinator provides assistance in hosting stormwater educational outreach events (specific topics and events vary annually).</i>	<i>MCM 2</i>
<i>Anoka Soil & Water Conservation District: Prepares and hosts rain garden workshops on a project specific basis with City Street Reconstruction projects.</i>	<i>MCM 2</i>

- B. If you have additional information that you would like to communicate about your partnerships with other regulated small MS4(s), provide it in the space below, or include an attachment to the SWPPP Document, with the following file naming convention: *MS4NameHere_Partnerships*.

II. Description of Regulatory Mechanisms: (Part II.D.2)

Illicit discharges

- A. Do you have a regulatory mechanism(s) that effectively prohibits non-stormwater discharges into your small MS4, except those non-stormwater discharges authorized under the Permit (Part III.D.3.b.)? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

City Code Chapter 13-1400 & Section 16.0 of Coon Creek Watershed District Rules

Direct link: <http://www.ci.coon-rapids.mn.us/citycode/13-1400.pdf>

http://www.cooncreekwd.org/index.asp?Type=B_BASIC&SEC={DD872F13-ABC2-49FE-B30F-60E415CC6AAF}

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_IDDEreg*.

2. If **no**:

Describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

Construction site stormwater runoff control

- A. Do you have a regulatory mechanism(s) that establishes requirements for erosion and sediment controls and waste controls? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

City codes 8-1200 & 11-1207 & Coon Creek Watershed District Rule 9.4

Direct link:

<http://ci.coon-rapids.mn.us/citycode/08-1200.pdf>

<http://ci.coon-rapids.mn.us/citycode/11-1200.pdf>

<http://www.cooncreekwd.org/vertical/sites/%7B5C6B0F6F-9658-418B-9297-E0413AF79517%7D/uploads/%7BF7E4EABF-ACFC-426E-A3BB-7C633E2D5650%7D.PDF>

- ☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_CSWreg*.

- B. Is your regulatory mechanism at least as stringent as the MPCA general permit to Discharge Stormwater Associated with Construction Activity (as of the effective date of the MS4 Permit)? ☒ Yes ☐ No

If you answered **yes** to the above question, proceed to C.

If you answered **no** to either of the above permit requirements listed in A. or B., describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

- C. Answer **yes** or **no** to indicate whether your regulatory mechanism(s) requires owners and operators of construction activity to develop site plans that incorporate the following erosion and sediment controls and waste controls as described in the Permit (Part III.D.4.a.(1)-(8)), and as listed below:

- | | |
|--|---|
| 1. Best Management Practices (BMPs) to minimize erosion. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. BMPs to minimize the discharge of sediment and other pollutants. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. BMPs for dewatering activities. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. Site inspections and records of rainfall events | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 5. BMP maintenance | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. Management of solid and hazardous wastes on each project site. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. Final stabilization upon the completion of construction activity, including the use of perennial vegetative cover on all exposed soils or other equivalent means. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. Criteria for the use of temporary sediment basins. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

Post-construction stormwater management

- A. Do you have a regulatory mechanism(s) to address post-construction stormwater management activities? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

City Code Chapter 8-1200

Direct link:

<http://www.ci.coon-rapids.mn.us/citycode/08-1200.pdf>

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_PostCSWreg*.

- B. Answer **yes** or **no** below to indicate whether you have a regulatory mechanism(s) in place that meets the following requirements as described in the Permit (Part III.D.5.a.):

1. **Site plan review:** Requirements that owners and/or operators of construction activity submit site plans with post-construction stormwater management BMPs to the permittee for review and approval, prior to start of construction activity. ☒ Yes ☐ No
2. **Conditions for post construction stormwater management:** Requires the use of any combination of BMPs, with highest preference given to Green Infrastructure techniques and practices (e.g., infiltration, evapotranspiration, reuse/harvesting, conservation design, urban forestry, green roofs, etc.), necessary to meet the following conditions on the site of a construction activity to the Maximum Extent Practicable (MEP):
 - a. For new development projects – no net increase from pre-project conditions (on an annual average basis) of: ☒ Yes ☐ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of Total Suspended Solids (TSS).
 - 3) Stormwater discharges of Total Phosphorus (TP).
 - b. For redevelopment projects – a net reduction from pre-project conditions (on an annual average basis) of: ☒ Yes ☐ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of TSS.
 - 3) Stormwater discharges of TP.
3. **Stormwater management limitations and exceptions:**
 - a. Limitations
 - 1) Prohibit the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) when the infiltration structural stormwater BMP will receive discharges from, or be constructed in areas: ☒ Yes ☐ No
 - a) Where industrial facilities are not authorized to infiltrate industrial stormwater under an NPDES/SDS Industrial Stormwater Permit issued by the MPCA.
 - b) Where vehicle fueling and maintenance occur.
 - c) With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
 - d) Where high levels of contaminants in soil or groundwater will be mobilized by the infiltrating stormwater.
 - 2) Restrict the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), without higher engineering review, sufficient to provide a functioning treatment system and prevent adverse impacts to groundwater, when the infiltration device will be constructed in areas: ☒ Yes ☐ No
 - a) With predominately Hydrologic Soil Group D (clay) soils.
 - b) Within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features.
 - c) Within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, subp. 13.
 - d) Where soil infiltration rates are more than 8.3 inches per hour.
 - 3) For linear projects where the lack of right-of-way precludes the installation of volume control practices that meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), the permittee's regulatory mechanism(s) may allow exceptions as described in the Permit (Part III.D.5.a(3)(b)). The permittee's regulatory mechanism(s) shall ensure that a reasonable attempt be made to obtain right-of-way during the project planning process. ☒ Yes ☐ No

4. **Mitigation provisions:** The permittee's regulatory mechanism(s) shall ensure that any stormwater discharges of TSS and/or TP not addressed on the site of the original construction activity are addressed through mitigation and, at a minimum, shall ensure the following requirements are met:
- a. Mitigation project areas are selected in the following order of preference: ☐ Yes ☒ No
 - 1) Locations that yield benefits to the same receiving water that receives runoff from the original construction activity.
 - 2) Locations within the same Minnesota Department of Natural Resource (DNR) catchment area as the original construction activity.
 - 3) Locations in the next adjacent DNR catchment area up-stream
 - 4) Locations anywhere within the permittee's jurisdiction.
 - b. Mitigation projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP. ☒ Yes ☐ No
 - c. Routine maintenance of structural stormwater BMPs already required by this permit cannot be used to meet mitigation requirements of this part. ☐ Yes ☒ No
 - d. Mitigation projects shall be completed within 24 months after the start of the original construction activity. ☐ Yes ☒ No
 - e. The permittee shall determine, and document, who will be responsible for long-term maintenance on all mitigation projects of this part. ☒ Yes ☐ No
 - f. If the permittee receives payment from the owner and/or operator of a construction activity for mitigation purposes in lieu of the owner or operator of that construction activity meeting the conditions for post-construction stormwater management in Part III.D.5.a(2), the permittee shall apply any such payment received to a public stormwater project, and all projects must be in compliance with Part III.D.5.a(4)(a)-(e). ☒ Yes ☐ No
5. **Long-term maintenance of structural stormwater BMPs:** The permittee's regulatory mechanism(s) shall provide for the establishment of legal mechanisms between the permittee and owners or operators responsible for the long-term maintenance of structural stormwater BMPs not owned or operated by the permittee, that have been implemented to meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)). This only includes structural stormwater BMPs constructed after the effective date of this permit and that are directly connected to the permittee's MS4, and that are in the permittee's jurisdiction. The legal mechanism shall include provisions that, at a minimum:
- a. Allow the permittee to conduct inspections of structural stormwater BMPs not owned or operated by the permittee, perform necessary maintenance, and assess costs for those structural stormwater BMPs when the permittee determines that the owner and/or operator of that structural stormwater BMP has not conducted maintenance. ☒ Yes ☐ No
 - b. Include conditions that are designed to preserve the permittee's right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by the permittee, when those responsibilities are legally transferred to another party. ☒ Yes ☐ No
 - c. Include conditions that are designed to protect/preserve structural stormwater BMPs and site features that are implemented to comply with the Permit (Part III.D.5.a(2)). If site configurations or structural stormwater BMPs change, causing decreased structural stormwater BMP effectiveness, new or improved structural stormwater BMPs must be implemented to ensure the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) continue to be met. ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within twelve (12) months of the date permit coverage is extended, these permit requirements are met:

City Code 8-1200 and/or the Comprehensive Storm Water Management Plan (CSMP) will be revised to include exceptions for volume control practices on linear projects, and mitigation provisions c and d. Final ordinance and CSMP language will be formally adopted and implemented within 12 months from the date MS4 permit coverage is extended to the City.

III. Enforcement Response Procedures (ERPs): (Part II.D.3)

- A. Do you have existing ERPs that satisfy the requirements of the Permit (Part III.B.)? ☐ Yes ☒ No
- 1. If **yes**, attach them to this form as an electronic document, with the following file naming convention: *MS4NameHere_ERPs*.
 - 2. If **no**, describe the tasks and corresponding schedules that will be taken to assure that, with twelve (12) months of the date permit coverage is extended, these permit requirements are met:

B. Describe your ERPs:

Enforcement mechanisms for illicit discharges are defined in City Codes 13-1408 and 13-1414, penalties for Post-construction Stormwater Management in City code 8-1223, and City code 11-1203.14 describes the enforcement mechanisms that are available for construction site erosion and sediment control non-compliance, in addition to Notice of Violation, Forfeit of Security Bond Money, and Civil Penalties. Internal written enforcement response procedures are not defined, therefore the City will draft internal ERPs for MCMs 3, 4, and 5 in 2014, and finalize the ERPs or implementation within 12 months from the date MS4 permit coverage is extended to the City.

IV. Storm Sewer System Map and Inventory: (Part II.D.4.)

A. Describe how you manage your storm sewer system map and inventory:

The City's storm sewer is reviewed annually and revised to include new construction and reconstruction projects. The City's GIS database is used for inventory purposes, in combination with the City Works database to track inspection records and follow-up maintenance and repair orders. The inventory will be revised in 2014 to include new MS4 permit definitions for outfalls.

B. Answer **yes** or **no** to indicate whether your storm sewer system map addresses the following requirements from the Permit (Part III.C.1.a-d), as listed below:

1. The permittee's entire small MS4 as a goal, but at a minimum, all pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes. ☒ Yes ☐ No
2. Outfalls, including a unique identification (ID) number assigned by the permittee, and an associated geographic coordinate. ☒ Yes ☐ No
3. Structural stormwater BMPs that are part of the permittee's small MS4. ☒ Yes ☐ No
4. All receiving waters. ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

C. Answer **yes** or **no** to indicate whether you have completed the requirements of 2009 Minnesota Session Law, Ch. 172. Sec. 28: with the following inventories, according to the specifications of the Permit (Part III.C.2.a.-b.), including:

1. All ponds within the permittee's jurisdiction that are constructed and operated for purposes of water quality treatment, stormwater detention, and flood control, and that are used for the collection of stormwater via constructed conveyances. ☒ Yes ☐ No
2. All wetlands and lakes, within the permittee's jurisdiction, that collect stormwater via constructed conveyances. ☒ Yes ☐ No

D. Answer **yes** or **no** to indicate whether you have completed the following information for each feature inventoried.

1. A unique identification (ID) number assigned by the permittee. ☒ Yes ☐ No
2. A geographic coordinate. ☒ Yes ☐ No
3. Type of feature (e.g., pond, wetland, or lake). This may be determined by using best professional judgment. ☒ Yes ☐ No

If you have answered **yes** to all above requirements, and you have already submitted the Pond Inventory Form to the MPCA, then you do not need to resubmit the inventory form below.

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

E. Answer **yes** or **no** to indicate if you are attaching your pond, wetland and lake inventory to the MPCA on the form provided on the MPCA website at: <http://www.pca.state.mn.us/ms4>, according to the specifications of Permit (Part III.C.2.b.(1)-(3)). Attach with the following file naming convention: *MS4NameHere_inventory*. ☒ Yes ☐ No

If you answered **no**, the inventory form must be submitted to the MPCA MS4 Permit Program within 12 months of the date permit coverage is extended.

V. Minimum Control Measures (MCMs) (Part II.D.5)

A. MCM1: Public education and outreach

1. The Permit requires that, within 12 months of the date permit coverage is extended, existing permittees revise their education and outreach program that focuses on illicit discharge recognition and reporting, as well as other specifically selected stormwater-related issue(s) of high priority to the permittee during this permit term. Describe your **current** educational program, including **any high-priority topics included**:

The City's stormwater educational program focuses on target audiences including local residents, businesses and developers to encourage adoption of best management practices that improve water quality and protection of natural resources. This is promoted through partnership with the Coon Creek Watershed District to effectively collaborate and promote education goals. The main vehicle for publicizing stormwater public education and outreach is through the use of the city's webpage. Additionally, the City uses printed brochures/guides, newsletters, neighborhood meetings, and the public access channel to advertise public service announcements for public education and outreach. The City plans to update the existing BMPs and implement public education information of two high priority topics (impaired waters/upcoming TMDLs, pet waste management, and illicit discharge recognition and reporting.

2. List the categories of BMPs that address your public education and outreach program, including the distribution of educational materials and a program implementation plan. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the U.S. Environmental Protection Agency's (EPA) *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
<i>City Newsletter</i>	<i>The City will publish a minimum of two stormwater related articles in the City newsletter during each year of the MS4 permit cycle. City staff will annually review the appropriateness of the existing articles, and provide new articles for existing topics or high priority topics of interest (at the discretion of City staff) each calendar year of the MS4 permit cycle.</i>
<i>Community Resource Guide</i>	<i>One stormwater related article will be provided in the City's Community Resource Guide. City staff will annually record the number of guides distributed at City Hall to determine the effectiveness of this BMP during the MS4 permit cycle.</i>
<i>City Stormwater Webpage</i>	<i>Stormwater educational materials are provided on the City's webpage (http://ci.coon-rapids.mn.us/publicworks/streets/stormwater.htm) under the Stormwater Program section of the Streets Division webpage. City staff will post a minimum of one stormwater related article per year of the MS4 permit cycle. The content and appropriateness of all materials on the webpage will be reviewed a minimum of once per calendar year during the MS4 permit cycle.</i>
BMP categories to be implemented	Measurable goals and timeframes
<i>Annual SWPPP Assessment & Annual Reporting</i>	<i>City staff will conduct an annual SWPPP assessment in preparation of each annual report. Proposed SWPPP modifications are subject to Part II.G of the MS4 permit. The final annual report will be posted on the City's Stormwater webpage. City staff will submit the annual report to the MPCA prior to June 30th for the previous calendar year.</i>
<i>Stormwater Webpage updates (high priority topics)</i>	<i>http://ci.coon-rapids.mn.us/publicworks/streets/stormwater.htm will be updated with high priority topics, such as Illicit discharge recognition/reporting, pet waste management, and local impaired waters/TMDL updates in 2014. Periodic webpage updates will be completed throughout each year of the MS4 permit cycle.</i>

3. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Tim Himmer, Public Works Director

B. MCM2: Public participation and involvement

1. The Permit (Part III.D.2.a.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement a public participation/involvement program to solicit public input on the SWPPP. Describe your current program:

The City's MCM 2 BMPs consist of the annual public meeting, the Coon Rapids Green expo, storm drain stenciling, neighborhood meetings, and the selective events with the Coon Creek Watershed District. Public comments received at each public meeting is recorded in meeting minutes. The City intends to post the updated SWPPP on the City's website after receiving MS4 permit coverage.

2. List the categories of BMPs that address your public participation/involvement program, including solicitation and documentation of public input on the SWPPP. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
<i>Annual Public Meeting or Event</i>	<i>Present the draft MS4 annual report to the City Council and/or one other City sponsored public event to solicit public input. Public input received (oral and written) will be recorded and evaluated by the City's MS4 General Contact. City responses (if relevant) will be made in writing to each commenter. Hold one meeting or event per calendar year (between January and June for the previous year) of the MS4 permit cycle.</i>
<i>Coon Rapids Green Expo</i>	<i>Attend and provide educational videos or other printed materials at the Annual Green Expo at City Hall. Record the number of educational materials that are distributed and all relevant SWPPP comments received. The City will continue this BMP throughout the MS4 permit cycle.</i>
<i>Neighborhood Meetings</i>	<i>City staff will provide printed brochures and poster displays at a minimum of one neighborhood meeting each year. City staff will record the number of brochures taken after each meeting for the annual report. The City will continue this BMP throughout the MS4 permit cycle.</i>
<i>Student Volunteer Storm Drain Stenciling</i>	<i>City staff will continue to coordinate storm drain stenciling events with volunteer student organizations, in partnership with the Coon Creek Watershed District. The City will continue this BMP throughout the MS4 permit cycle.</i>
BMP categories to be implemented	Measurable goals and timeframes
<i>Online Availability of the Stormwater Pollution Prevention Plan (SWPPP) Program document</i>	<i>The City will make the SWPPP and 2013 annual report available on the City's Stormwater webpage within 12 months from the date the MS4 permit coverage is extended to the City.</i>

3. Do you have a process for receiving and documenting citizen input? ☒ Yes ☐ No

If you answered **no** to the above permit requirement, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Tim Himmer, Public Works Director

C. MCM 3: Illicit discharge detection and elimination

1. The Permit (Part III.D.3.) requires that, within 12 months of the date permit coverage is extended, existing permittees revise their current program as necessary, and continue to implement and enforce a program to detect and eliminate illicit discharges into the small MS4. Describe your current program:

The City's IDDE program consists of City Code 13-1400, public works activities, and fire department responsibilities. Emergency spill response and possible storm drain system contamination is coordinated by the Fire Department. Significant spills or discharges are contained, cleaned up, then reported to the State Duty Officer. West Central Chemical Response Inc. is contracted with the City to provide on-call spill response for specific materials as needed. Fire Department call-outs are documented in the 9-1-1 call system and follow-up record keeping completed by the Fire

Department. Public Works staff complete visual inspections for illicit discharges concurrently with scheduled stormsewer and pond inspections each year. Inspection records are retained by Public Works and maintained in the City Works database.

2. Does your Illicit Discharge Detection and Elimination Program meet the following requirements, as found in the Permit (Part III.D.3.c.-g.)?
- a. Incorporation of illicit discharge detection into all inspection and maintenance activities conducted under the Permit (Part III.D.6.e.-f.) Where feasible, illicit discharge inspections shall be conducted during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation). ☒ Yes ☐ No
 - b. Detecting and tracking the source of illicit discharges using visual inspections. The permittee may also include use of mobile cameras, collecting and analyzing water samples, and/or other detailed procedures that may be effective investigative tools. ☒ Yes ☐ No
 - c. Training of all field staff, in accordance with the requirements of the Permit (Part III.D.6.g.(2)), in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation. ☒ Yes ☐ No
 - d. Identification of priority areas likely to have illicit discharges, including at a minimum, evaluating land use associated with business/industrial activities, areas where illicit discharges have been identified in the past, and areas with storage of large quantities of significant materials that could result in an illicit discharge. ☒ Yes ☐ No
 - e. Procedures for the timely response to known, suspected, and reported illicit discharges. ☒ Yes ☐ No
 - f. Procedures for investigating, locating, and eliminating the source of illicit discharges. ☒ Yes ☐ No
 - g. Procedures for responding to spills, including emergency response procedures to prevent spills from entering the small MS4. The procedures shall also include the immediate notification of the Minnesota Department of Public Safety Duty Officer, if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061. ☒ Yes ☐ No
 - h. When the source of the illicit discharge is found, the permittee shall use the ERPs required by the Permit (Part III.B.) to eliminate the illicit discharge and require any needed corrective action(s). ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City's IDDE program will be revised to include a map of high priority areas (based on current landuse, history of discharges, and active NPDES Industrial Stormwater permits) and refined written internal procedures for emergency and non-emergency response to reported spills, illicit discharges, and connections. Draft revisions will be completed in 2014 and implemented within 12 months from the date MS4 permit coverage is extended to the City.

3. List the categories of BMPs that address your illicit discharge, detection and elimination program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
Illicit Discharge Public Education and Outreach	The City will continue to use the media types identified in MCM 1 & 2 to distribute illicit discharge detection and elimination information to the public. Specific topics and frequency will vary throughout each year of the MS4 permit cycle.
City code 13-1400	The City will continue to enforce City Code 13-1400 for the duration of the MS4 permit cycle.
IDDE Inspections	The City will continue to annually conduct IDDE inspections concurrently with stormsewer, outfall, and ponds inspections per the IDDE inspection program.
BMP categories to be implemented	Measurable goals and timeframes
IDDE Priority Inspection Map	Develop IDDE inspection map in 2014. Utilize map for inspections within 12 months from the date MS4 permit coverage is extended.
Employee Training	The City will re-train Public Works staff on the procedures for conducting visual inspections of illicit discharges, including recognition and reporting of illicit discharges in 2014. Training will be scheduled within 12 months from the date MS4 permit coverage is extended.

4. Do you have procedures for record-keeping within your Illicit Discharge Detection and Elimination (IDDE) program as specified within the Permit (Part III.D.3.h.)? ☐ Yes ☒ No

If you answered **no**, indicate how you will develop procedures for record-keeping of your Illicit Discharge, Detection and Elimination Program, within 12 months of the date permit coverage is extended:

The City's outfall and pond inspection form will be revised to include illicit discharge recognition & findings. Each inspection record is stored in the City Works database.

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Tim Himmer, Public Works Director

D. MCM 4: Construction site stormwater runoff control

1. The Permit (Part III.D.4) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a construction site stormwater runoff control program. Describe your current program:

Construction Site erosion and sediment control plans for all sites are reviewed by the City Engineer, and require SWPPP compliance and permit coverage under the NPDES-CSW permit. Building department staff also assist in reviewing individual sites of less than one acre for compliance to the city's erosion control standards. Items needing attention are noted on the plans and given to the permittee to correct (as needed), prior to issuing building and grading permits. Construction site inspections are conducted weekly or bi-weekly by the City's Engineering consultant at the discretion of the City Engineer (based on current construction activity and scope of project). Inspection results are detailed in the inspection report, which is sent to the project owner and contractor within 48 hours of the inspection. Enforcement mechanisms include Notice of Violation, Forfeit of Security Bond Money, and Civil Penalties.

2. Does your program address the following BMPs for construction stormwater erosion and sediment control as required in the Permit (Part III.D.4.b.):

- a. Have you established written procedures for site plan reviews that you conduct prior to the start of construction activity? ☒ Yes ☐ No
- b. Does the site plan review procedure include notification to owners and operators proposing construction activity that they need to apply for and obtain coverage under the MPCA's general permit to *Discharge Stormwater Associated with Construction Activity No. MN R100001*? ☒ Yes ☐ No
- c. Does your program include written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted by the public to the permittee? ☐ Yes ☒ No
- d. Have you included written procedures for the following aspects of site inspections to determine compliance with your regulatory mechanism(s):
 - 1) Does your program include procedures for identifying priority sites for inspection? ☐ Yes ☒ No
 - 2) Does your program identify a frequency at which you will conduct construction site inspections? ☒ Yes ☐ No
 - 3) Does your program identify the names of individual(s) or position titles of those responsible for conducting construction site inspections? ☒ Yes ☐ No
 - 4) Does your program include a checklist or other written means to document construction site inspections when determining compliance? ☒ Yes ☐ No
- e. Does your program document and retain construction project name, location, total acreage to be disturbed, and owner/operator information? ☒ Yes ☐ No
- f. Does your program document stormwater-related comments and/or supporting information used to determine project approval or denial? ☒ Yes ☐ No
- g. Does your program retain construction site inspection checklists or other written materials used to document site inspections? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

The City intends to review the written existing procedures for site inspections, and revise (as needed) to include definitions for identifying priority sites and protocols for the receipt and consideration of non-compliance. Draft revisions will be completed in early 2014 and formally adopted for implementation within 12 months of the date MS4 permit coverage is extended to the City. City staff will also add contact information on the City website for the public to provide complaints regarding non-compliance of construction sites.

- List the categories of BMPs that address your construction site stormwater runoff control program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
<i>Employee Training</i>	<i>Engineering Department staff (a minimum of one staff member) will maintain valid certification in NPDES Construction Stormwater Permit related training per NPDES-CSW training requirements.</i>
<i>City Erosion Control Permit</i>	<i>Continue to implement as defined by City Code 8-1200 & 11-1207</i>
BMP categories to be implemented	Measurable goals and timeframes
<i>Written Procedures</i>	<i>The City develop written procedures for determining priority sites for inspection and receipt and consideration of reports of Construction Site noncompliance. Procedures will be drafted in 2014, and formally adopted within 12 months from the date permit coverage is extended to the City.</i>
<i>Revise Building Dept. plan review checklist</i>	<i>Revise the Building and Engineering Department's plan review checklist for single family dwellings to include specific erosion and sediment control standards.</i>

- Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Tim Himmer, Public Works Director

E. MCM 5: Post-construction stormwater management

- The Permit (Part III.D.5.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a post-construction stormwater management program. Describe your current program:

Every applicant for a building permit, subdivision approval, or a permit to allow land disturbing activities must submit a storm water management plan.. No subdivision approval, or grading permit to allow land disturbing activities shall be issued until approval of the storm water management plan or a waiver of the approval requirement has been obtained in strict conformance with the provisions of chapter 8-1200. Building department staff reviews stormwater management plan associated with a building permit, while the city engineer reviews all other stormwater management plans. Post Construction Stormwater Management must conform to applicable Coon Creek Watershed District Rules and the City's 2004 Comprehensive Stormwater Management Plan.

- Have you established written procedures for site plan reviews that you will conduct prior to the start of construction activity? ☒ Yes ☐ No
- Answer **yes** or **no** to indicate whether you have the following listed procedures for documentation of post-construction stormwater management according to the specifications of Permit (Part III.D.5.c.):
 - Any supporting documentation that you use to determine compliance with the Permit (Part III.D.5.a), including the project name, location, owner and operator of the construction activity, any checklists used for conducting site plan reviews, and any calculations used to determine compliance? ☒ Yes ☐ No
 - All supporting documentation associated with mitigation projects that you authorize? ☒ Yes ☐ No
 - Payments received and used in accordance with Permit (Part III.D.5.a.(4)(f))? ☒ Yes ☐ No
 - All legal mechanisms drafted in accordance with the Permit (Part III.D.5.a.(5)), including date(s) of the agreement(s) and names of all responsible parties involved? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the steps that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

- List the categories of BMPs that address your post-construction stormwater management program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
<i>Regulatory Mechanism</i>	<i>City staff will continue to process applications for building permits, subdivision approvals, and grading permit to the standards defined in City codes 8-1200 and 11-1207. Staff will continue to collaborate with the Coon Creek Watershed District on proposed projects to applicable CCWD rules. This BMP will continue through the end of the MS4 permit cycle (July 31, 2018).</i>

BMP categories to be implemented	Measurable goals and timeframes
<i>Update City Code 8-1200 and/or the Comprehensive Storm Water Management Plan</i>	<i>City Code 8-1200 and/or the Comprehensive Storm Water Management Plan (CSMP) will be revised to include the new MS4 permit requirements, as defined in II. Post- Construction Stormwater Management, 5. Final ordinance and CSMP language will be formally adopted and implemented within 12 months from the date MS4 permit coverage is extended to the City.</i>

- Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Tim Himmer, Public Works Director

F. MCM 6: Pollution prevention/good housekeeping for municipal operations

- The Permit (Part III.D.6.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement an operations and maintenance program that prevents or reduces the discharge of pollutants from the permittee owned/operated facilities and operations to the small MS4. Describe your current program:

The City's Public Works Department is primarily responsible for all MCM 6 activities. Current Public Works activities include inspections and maintenance of the storm sewer system, street sweeping, employee training. In 2014, the City intends to expand the employee training opportunities, refine all record keeping procedures of inspections and maintenance, and written procedures for IDDE.

- Do you have a facilities inventory as outlined in the Permit (Part III.D.6.a.)? ☐ Yes ☒ No
- If you answered **no** to the above permit requirement in question 2, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

City staff will conduct a facility inspection within 12 months of the date permit coverage is extended to the City.

- List the categories of BMPs that address your pollution prevention/good housekeeping for municipal operations program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. For an explanation of measurable goals, refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

Established BMP categories	Measurable goals and timeframes
<i>Structural Stormwater BMP (SSBMP) Inspections</i>	<i>Continue to inspect 100% of all SSBMP's each year of the MS4 permit cycle (July 31, 2018)</i>
<i>Inspect MS4 Outfalls and Ponds</i>	<i>Continue to inspect 20% of all MS4 outfalls each year, until 100% of all MS4 Outfalls and Ponds have been inspected within</i>

	<i>the MS4 permit cycle (until July 31, 2018).</i>
<i>Salt Application Policy</i>	<i>Annually calibrate equipment and maintain scale loader for monitoring deicing salt use. The City will continue this BMP annually through the end of the MS4 permit cycle (July 31, 2018).</i>
<i>Street Sweeping</i>	<i>The City will continue to conduct street sweeping operations of all public streets a minimum of twice annually (record the sweeping route and date per occurrence). Review and revise (as needed) street sweeping operations (including schedule, equipment, and disposal), stormwater quality priority areas, and routes annually through the end of the MS4 permit cycle (July 31, 2018).</i>
<i>Review Inspection Reports</i>	<i>Annually, review all pond, outfall, and Structural Stormwater BMP (SSBMP) inspection records to determine if maintenance, repair, or replacement is needed. Include a description of the findings and any maintenance, repair, or replacement as a result of the inspection findings. Evaluate each SSBMP's inspection frequency and adjust as needed per MS4 Permit Part III.D.6.e (1.). Evaluate and update inspection records annually through the end of the MS4 permit cycle (July 31, 2018).</i>
<i>Employee Training</i>	<i>Continue to host a minimum of one staff training event per year to discuss stormwater related topics. City staff will develop an annual training schedule, record the employee names, topics covered, and date of each event, annually through the end of the MS4 permit cycle (July 31, 2018).</i>
BMP categories to be implemented	Measurable goals and timeframes
<i>Pond Sediment Excavation and Removal Projects</i>	<i>The City will develop a reporting component for pond sediment removal projects within 12 months from the date MS4 permit coverage is extended to the City. Reporting will consist of documenting the date, pond ID, project limits/construction plans, volume of sediment removed, test results (if any), and disposal location. Begin reporting in 2015.</i>
<i>Stockpiles, Storage and Material Handling Area Inspections</i>	<i>Conduct quarterly written inspections of all stockpile, storage and material handling areas (per the 2014 facility inventory), through the end of the MS4 permit cycle (July 31, 2018).</i>
<i>Update Public Works MS4 Program</i>	<i>Update existing BMPs to coincide with new/revised MS4 permit requirements (refer to question #9).</i>

5. Does discharge from your MS4 affect a Source Water Protection Area (Permit Part III.D.6.c.)? ☒ Yes ☐ No
- a. If **no**, continue to 6.
- b. If **yes**, the Minnesota Department of Health (MDH) is in the process of mapping the following items. Maps are available at <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>. Is a map including the following items available for your MS4:
- 1) Wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330? ☒ Yes ☐ No
- 2) Source water protection areas for surface intakes identified in the source water assessments conducted by or for the Minnesota Department of Health under the federal Safe Drinking Water Act, U.S.C. §§ 300j – 13? ☐ Yes ☒ No
- c. Have you developed and implemented BMPs to protect any of the above drinking water sources? ☒ Yes ☐ No
6. Have you developed procedures and a schedule for the purpose of determining the TSS and TP treatment effectiveness of all permittee owned/operated ponds constructed and used for the collection and treatment of stormwater, according to the Permit (Part III.D.6.d.)? ☒ Yes ☐ No
7. Do you have inspection procedures that meet the requirements of the Permit (Part III.D.6.e.(1)-(3)) for structural stormwater BMPs, ponds and outfalls, and stockpile, storage and material handling areas? ☐ Yes ☒ No
8. Have you developed and implemented a stormwater management training program commensurate with each employee's job duties that:

- a. Addresses the importance of protecting water quality? ☒ Yes ☐ No
- b. Covers the requirements of the permit relevant to the duties of the employee? ☐ Yes ☒ No
- c. Includes a schedule that establishes initial training for new and/or seasonal employees and recurring training intervals for existing employees to address changes in procedures, practices, techniques, or requirements? ☐ Yes ☒ No

9. Do you keep documentation of inspections, maintenance, and training as required by the Permit (Part III.D.6.h.(1)-(5))? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements listed in **Questions 5 – 9**, then describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City will update written procedures for conducting inspections of illicit discharge detection, outfalls, ponds and structural stormwater BMPs, draft inspection and record keeping procedures for stock piles, storage, and material handling areas, a schedule and reporting method for employee training events, and record keeping procedures for pond excavation projects within 12 months of the date permit coverage is extended to the City.

10. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Greg Cronin, Streets Division Supervisor

VI. Compliance Schedule for an Approved Total Maximum Daily Load (TMDL) with an Applicable Waste Load Allocation (WLA) (Part II.D.6.)

- A. Do you have an approved TMDL with a Waste Load Allocation (WLA) prior to the effective date of the Permit? ☐ Yes ☒ No

1. If **no**, continue to section VII.
2. If **yes**, fill out and attach the MS4 Permit TMDL Attachment Spreadsheet with the following naming convention: *MS4NameHere_TMDL*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VII. Alum or Ferric Chloride Phosphorus Treatment Systems (Part II.D.7.)

- A. Do you own and/or operate any Alum or Ferric Chloride Phosphorus Treatment Systems which are regulated by this Permit (Part III.F.)? ☐ Yes ☒ No

1. If **no**, this section requires no further information.
2. If **yes**, you own and/or operate an Alum or Ferric Chloride Phosphorus Treatment System within your small MS4, then you must submit the Alum or Ferric Chloride Phosphorus Treatment Systems Form supplement to this document, with the following naming convention: *MS4NameHere_TreatmentSystem*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VIII. Add any Additional Comments to Describe Your Program



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 Pond, Wetland, and Lake Inventory Form

Municipal Separate Storm Sewer System (MS4) Program

Name of MS4 Permittee	Date form completed	Unique ID Number	Type of Feature (Pond, Wetland or Lake)	Feature Common Name (If Applicable)	Y Coordinate (Latitude) Decimal Degrees	X Coordinate (Longitude) Decimal Degrees
City of Coon Rapids	12/23/2013	1	POND		-93.34084882	45.20082606
City of Coon Rapids	12/23/2013	2	WETLAND		-93.35936996	45.20994838
City of Coon Rapids	12/23/2013	8	POND		-93.31740512	45.20779475
City of Coon Rapids	12/23/2013	9	POND		-93.32326158	45.20693529
City of Coon Rapids	12/23/2013	10	POND		-93.3196525	45.21169943
City of Coon Rapids	12/23/2013	13	POND		-93.27059851	45.19958293
City of Coon Rapids	12/23/2013	14	POND		-93.27180425	45.19764137
City of Coon Rapids	12/23/2013	15	POND		-93.28497845	45.20002452
City of Coon Rapids	12/23/2013	16	POND		-93.28285336	45.19980131
City of Coon Rapids	12/23/2013	17	POND		-93.27751367	45.20021741
City of Coon Rapids	12/23/2013	24	POND		-93.29816504	45.19756238
City of Coon Rapids	12/23/2013	25	POND		-93.29748473	45.1977347
City of Coon Rapids	12/23/2013	26	POND		-93.30311784	45.19933328
City of Coon Rapids	12/23/2013	27	POND		-93.30377219	45.20356992
City of Coon Rapids	12/23/2013	28	POND		-93.29689757	45.19896466
City of Coon Rapids	12/23/2013	32	WETLAND		-93.32606077	45.19899049
City of Coon Rapids	12/23/2013	36	POND		-93.36421687	45.19213551
City of Coon Rapids	12/23/2013	44	POND		-93.31747655	45.19635626
City of Coon Rapids	12/23/2013	46	POND		-93.31543994	45.19316838
City of Coon Rapids	12/23/2013	47	POND		-93.31498712	45.1918012
City of Coon Rapids	12/23/2013	50	POND		-93.29916035	45.19036901
City of Coon Rapids	12/23/2013	53	POND		-93.30547563	45.19077077
City of Coon Rapids	12/23/2013	56	POND		-93.2937393	45.19138739
City of Coon Rapids	12/23/2013	57	POND		-93.26758519	45.19297745
City of Coon Rapids	12/23/2013	58	POND		-93.26976678	45.19313067
City of Coon Rapids	12/23/2013	60	POND		-93.27498454	45.1857938
City of Coon Rapids	12/23/2013	61	POND		-93.26880703	45.1812529
City of Coon Rapids	12/23/2013	62	POND		-93.28980195	45.18405
City of Coon Rapids	12/23/2013	63	POND		-93.29974905	45.1888138
City of Coon Rapids	12/23/2013	70	POND		-93.35656297	45.18972163
City of Coon Rapids	12/23/2013	71	POND		-93.35898867	45.18932256
City of Coon Rapids	12/23/2013	81	WETLAND		-93.37290166	45.1864715
City of Coon Rapids	12/23/2013	82	WETLAND		-93.37310637	45.18699693
City of Coon Rapids	12/23/2013	84	WETLAND		-93.36413963	45.18552379

Name of MS4 Permittee	Date form completed	Unique ID Number	Type of Feature (Pond, Wetland or Lake)	Feature Common Name (If Applicable)	Y Coordinate (Latitude) Decimal Degrees	X Coordinate (Longitude) Decimal Degrees
City of Coon Rapids	12/23/2013	85	WETLAND		-93.35056513	45.18786052
City of Coon Rapids	12/23/2013	86	WETLAND		-93.35505319	45.18468171
City of Coon Rapids	12/23/2013	88	WETLAND		-93.35578941	45.18900444
City of Coon Rapids	12/23/2013	89	WETLAND		-93.34235344	45.1916196
City of Coon Rapids	12/23/2013	91	WETLAND		-93.31512803	45.18056464
City of Coon Rapids	12/23/2013	94	WETLAND		-93.29517384	45.18494571
City of Coon Rapids	12/23/2013	95	WETLAND		-93.283445	45.17834358
City of Coon Rapids	12/23/2013	96	WETLAND		-93.29412324	45.18051595
City of Coon Rapids	12/23/2013	97	POND		-93.2979362	45.1731603
City of Coon Rapids	12/23/2013	101	POND		-93.29815757	45.16823408
City of Coon Rapids	12/23/2013	102	POND		-93.29997413	45.16897673
City of Coon Rapids	12/23/2013	103	POND		-93.30151763	45.17218571
City of Coon Rapids	12/23/2013	104	POND		-93.30927918	45.17280629
City of Coon Rapids	12/23/2013	107	WETLAND		-93.31968513	45.16905813
City of Coon Rapids	12/23/2013	108	WETLAND		-93.32107751	45.16665545
City of Coon Rapids	12/23/2013	109	WETLAND		-93.31479445	45.16347609
City of Coon Rapids	12/23/2013	111	POND		-93.30366206	45.16608324
City of Coon Rapids	12/23/2013	113	WETLAND		-93.30236767	45.16638399
City of Coon Rapids	12/23/2013	115	POND		-93.29345913	45.16578748
City of Coon Rapids	12/23/2013	116	WETLAND		-93.29237135	45.16572871
City of Coon Rapids	12/23/2013	117	WETLAND		-93.29163538	45.16393272
City of Coon Rapids	12/23/2013	118	WETLAND		-93.29363196	45.16042142
City of Coon Rapids	12/23/2013	120	WETLAND		-93.30889902	45.16003379
City of Coon Rapids	12/23/2013	121	WETLAND		-93.31439027	45.15827252
City of Coon Rapids	12/23/2013	122	WETLAND		-93.30844698	45.15409782
City of Coon Rapids	12/23/2013	124	POND		-93.29215847	45.15131603
City of Coon Rapids	12/23/2013	125	POND		-93.2876189	45.14882192
City of Coon Rapids	12/23/2013	128	POND		-93.28953835	45.1472811
City of Coon Rapids	12/23/2013	321	POND		-93.29602614	45.14835029
City of Coon Rapids	12/23/2013	322	POND		-93.2962858	45.14681249
City of Coon Rapids	12/23/2013	323	POND		-93.2674428	45.12566726
City of Coon Rapids	12/23/2013	324	POND		-93.26851084	45.1250041
City of Coon Rapids	12/23/2013	328	POND		-93.26772779	45.13006326
City of Coon Rapids	12/23/2013	329	POND		-93.27530038	45.12835588
City of Coon Rapids	12/23/2013	330	POND		-93.27682035	45.12485554
City of Coon Rapids	12/23/2013	338	POND		-93.28352949	45.134528
City of Coon Rapids	12/23/2013	339	POND		-93.27730907	45.14541374
City of Coon Rapids	12/23/2013	344	WETLAND		-93.34284572	45.16868021
City of Coon Rapids	12/23/2013	680	WETLAND		-93.30587911	45.20556579
City of Coon Rapids	12/23/2013	681	POND		-93.30351751	45.21179718

Name of MS4 Permittee	Date form completed	Unique ID Number	Type of Feature (Pond, Wetland or Lake)	Feature Common Name (If Applicable)	Y Coordinate (Latitude) Decimal Degrees	X Coordinate (Longitude) Decimal Degrees
City of Coon Rapids	12/23/2013	682	POND		-93.30579132	45.21182274
City of Coon Rapids	12/23/2013	686	POND		-93.30611255	45.198619
City of Coon Rapids	12/23/2013	687	POND		-93.31403012	45.19165565
City of Coon Rapids	12/23/2013	688	POND		-93.30756362	45.18907847
City of Coon Rapids	12/23/2013	692	WETLAND		-93.27193402	45.17977237
City of Coon Rapids	12/23/2013	693	POND		-93.26768536	45.17486846
City of Coon Rapids	12/23/2013	696	POND		-93.28318591	45.16540969
City of Coon Rapids	12/23/2013	697	WETLAND		-93.26886863	45.16603469
City of Coon Rapids	12/23/2013	698	WETLAND		-93.26769643	45.16700551
City of Coon Rapids	12/23/2013	699	WETLAND		-93.28045269	45.15948046
City of Coon Rapids	12/23/2013	700	POND		-93.28546359	45.15815046
City of Coon Rapids	12/23/2013	701	WETLAND		-93.29983095	45.15569294
City of Coon Rapids	12/23/2013	706	WETLAND		-93.28486831	45.14662259
City of Coon Rapids	12/23/2013	707	WETLAND		-93.26931215	45.14732702
City of Coon Rapids	12/23/2013	710	WETLAND		-93.29106818	45.14062831
City of Coon Rapids	12/23/2013	711	POND		-93.29573593	45.14571043
City of Coon Rapids	12/23/2013	721	POND		-93.2812313	45.11854197
City of Coon Rapids	12/23/2013	1477	POND		-93.31741038	45.16372585
City of Coon Rapids	12/23/2013	2305	WETLAND		-93.28304902	45.18866981
City of Coon Rapids	12/23/2013	2709	POND		-93.32320237	45.19915549
City of Coon Rapids	12/23/2013	3114	POND		-93.33952584	45.19992919
City of Coon Rapids	12/23/2013	3125	POND		-93.26699352	45.19591893
City of Coon Rapids	12/23/2013	3126	POND		-93.2742964	45.19743168
City of Coon Rapids	12/23/2013	3525	WETLAND		-93.35522495	45.18319177
City of Coon Rapids	12/23/2013	3540	POND		-93.29490551	45.18195792
City of Coon Rapids	12/23/2013	3542	POND		-93.29657891	45.18156311
City of Coon Rapids	12/23/2013	4356	POND		-93.29050527	45.13567825
City of Coon Rapids	12/23/2013	4790	POND		-93.28701286	45.14856767
City of Coon Rapids	12/23/2013	4791	POND		-93.28973424	45.1498452
City of Coon Rapids	12/23/2013	4799	POND		-93.3175207	45.16267352
City of Coon Rapids	12/23/2013	4802	WETLAND		-93.31163521	45.1688644
City of Coon Rapids	12/23/2013	4805	POND		-93.304112	45.16067085
City of Coon Rapids	12/23/2013	4810	WETLAND		-93.28097896	45.1684434
City of Coon Rapids	12/23/2013	4825	WETLAND		-93.29676178	45.19777053
City of Coon Rapids	12/23/2013	4826	WETLAND		-93.29985724	45.19834655
City of Coon Rapids	12/23/2013	4833	WETLAND		-93.30875381	45.20293493
City of Coon Rapids	12/23/2013	4834	WETLAND		-93.32420896	45.20977838
City of Coon Rapids	12/23/2013	4835	WETLAND		-93.31983173	45.21229496
City of Coon Rapids	12/23/2013	4836	WETLAND		-93.31610687	45.20993324
City of Coon Rapids	12/23/2013	6048	WETLAND		-93.3128481	45.19450562

Name of MS4 Permittee	Date form completed	Unique ID Number	Type of Feature (Pond, Wetland or Lake)	Feature Common Name (If Applicable)	Y Coordinate (Latitude) Decimal Degrees	X Coordinate (Longitude) Decimal Degrees
City of Coon Rapids	12/23/2013	6051	WETLAND		-93.31734515	45.19680735
City of Coon Rapids	12/23/2013	6053	WETLAND		-93.31172275	45.18270842
City of Coon Rapids	12/23/2013	6055	WETLAND		-93.28965866	45.18561088
City of Coon Rapids	12/23/2013	6847	WETLAND		-93.2996884	45.19440607
City of Coon Rapids	12/23/2013	6848	WETLAND		-93.2925217	45.19323357
City of Coon Rapids	12/23/2013	6849	WETLAND		-93.30029472	45.18894144
City of Coon Rapids	12/23/2013	6860	WETLAND		-93.2741695	45.19677698
City of Coon Rapids	12/23/2013	6861	WETLAND		-93.26657362	45.17997275
City of Coon Rapids	12/23/2013	7269	WETLAND		-93.30372585	45.17393222
City of Coon Rapids	12/23/2013	7270	WETLAND		-93.30256109	45.173786
City of Coon Rapids	12/23/2013	7271	WETLAND		-93.30645633	45.17032594
City of Coon Rapids	12/23/2013	7278	WETLAND		-93.29328089	45.1723875
City of Coon Rapids	12/23/2013	7281	WETLAND		-93.31333957	45.174744
City of Coon Rapids	12/23/2013	7282	WETLAND		-93.31045557	45.1825971
City of Coon Rapids	12/23/2013	7283	WETLAND		-93.30810724	45.18138723
City of Coon Rapids	12/23/2013	7285	WETLAND		-93.3075437	45.17458165
City of Coon Rapids	12/23/2013	7286	WETLAND		-93.33672332	45.16694839
City of Coon Rapids	12/23/2013	7287	WETLAND		-93.32671545	45.15498286
City of Coon Rapids	12/23/2013	7292	WETLAND		-93.28941639	45.16199254
City of Coon Rapids	12/23/2013	7293	WETLAND		-93.29046412	45.16059606
City of Coon Rapids	12/23/2013	7295	WETLAND		-93.30044755	45.1615472
City of Coon Rapids	12/23/2013	7297	WETLAND		-93.30281425	45.16289517
City of Coon Rapids	12/23/2013	7299	WETLAND		-93.28938505	45.16562032
City of Coon Rapids	12/23/2013	7300	WETLAND		-93.28649966	45.16335691
City of Coon Rapids	12/23/2013	7301	WETLAND		-93.28490145	45.16403135
City of Coon Rapids	12/23/2013	7303	WETLAND		-93.28378433	45.15651155
City of Coon Rapids	12/23/2013	7304	WETLAND		-93.28258023	45.15834401
City of Coon Rapids	12/23/2013	7306	WETLAND		-93.28418844	45.1475868
City of Coon Rapids	12/23/2013	7309	WETLAND		-93.27387321	45.13916287
City of Coon Rapids	12/23/2013	7314	WETLAND		-93.29219414	45.15162161
City of Coon Rapids	12/23/2013	7319	WETLAND		-93.30705587	45.15327488
City of Coon Rapids	12/23/2013	7326	WETLAND		-93.27978469	45.12557235
City of Coon Rapids	12/23/2013	7327	WETLAND		-93.27985217	45.11908742
City of Coon Rapids	12/23/2013	4779	POND		-93.28284987	45.13290279
City of Coon Rapids	12/23/2013	30	WETLAND		-93.29685654	45.20132703
City of Coon Rapids	12/23/2013	4811	WETLAND		-93.28088506	45.16882315
City of Coon Rapids	12/23/2013	7290	WETLAND		-93.30734815	45.16795127
City of Coon Rapids	12/23/2013	112	POND	EPIPHANY POND	-93.30528199	45.16557713
City of Coon Rapids	12/23/2013	7726	POND		-93.29242694	45.18217568
City of Coon Rapids	12/23/2013	4851	WETLAND		-93.32241596	45.20052315

